

FIG. 1

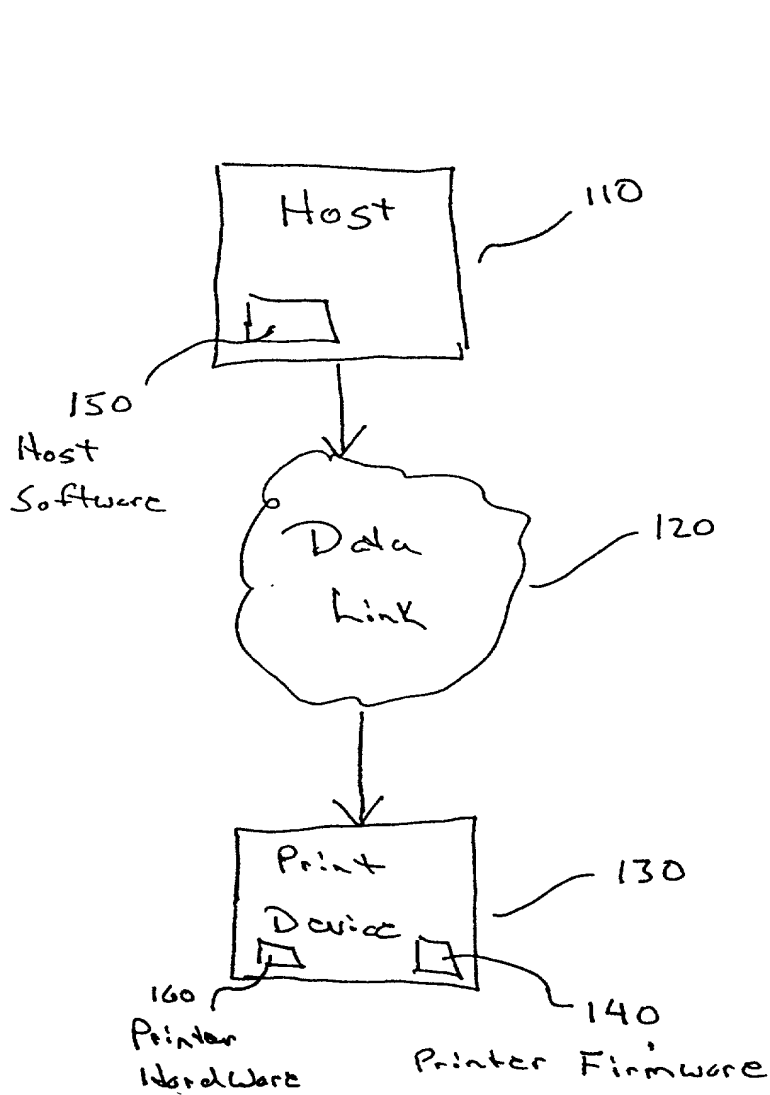


FIG. 2

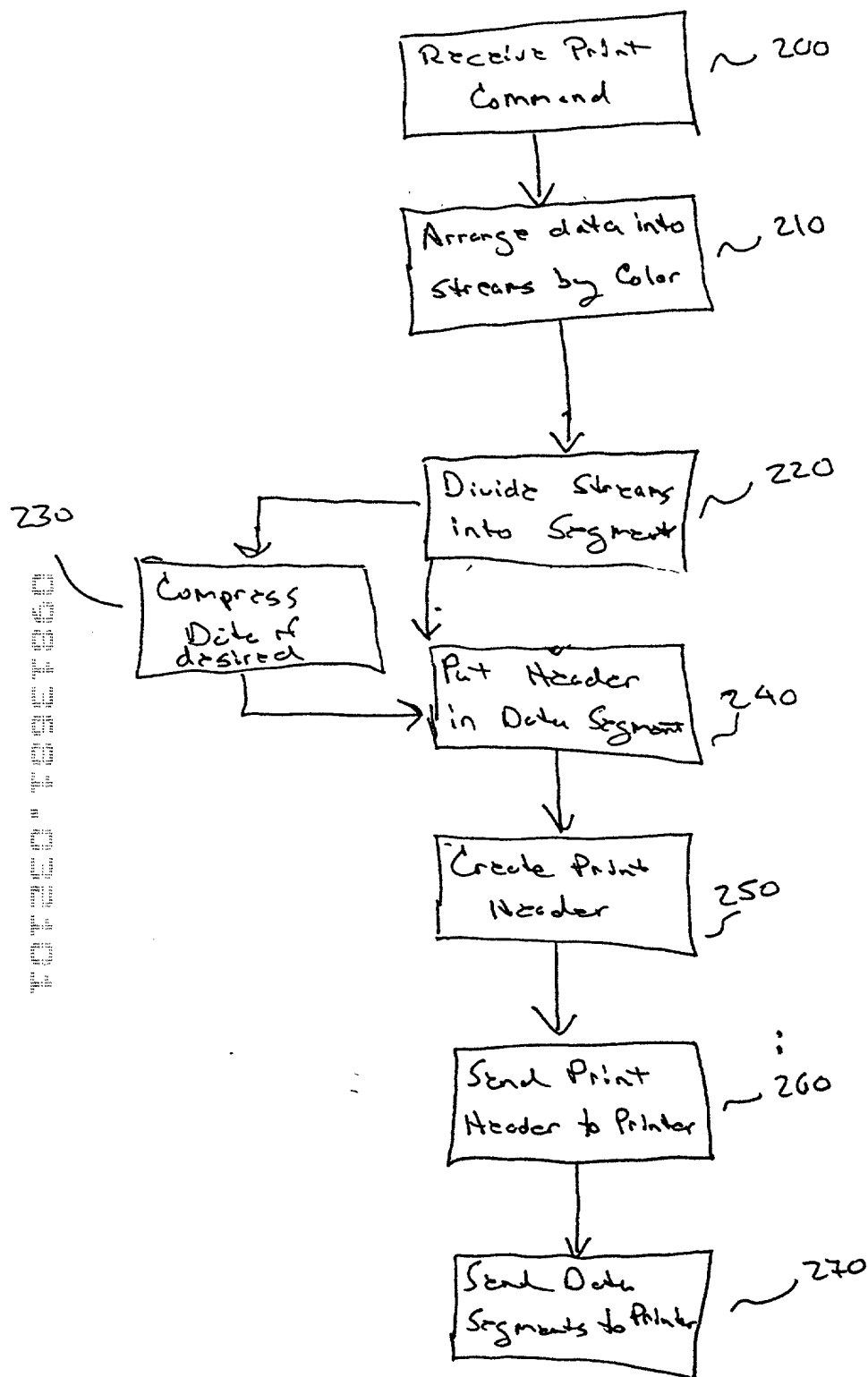
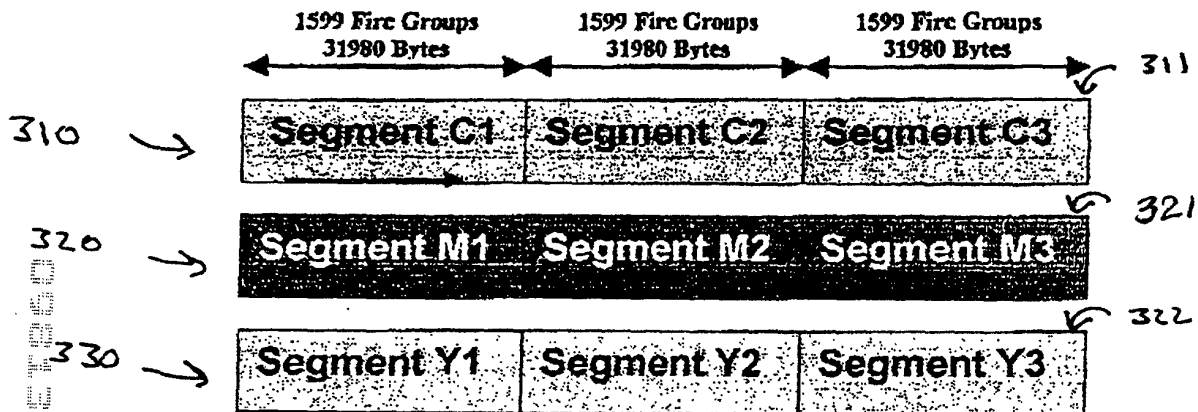


FIG 3

The following segments above are sent in order: C1, M1, Y1, C2, M2, Y2, C3, M3, Y3.



Print Command

ESC * 14 00

...

wStartingPosition = 0

...

wCyanFireGroupOffset = 97

wMagentaFireGroupOffset = 42

wYellowFireGroupOffset = 0

...

wCyanFireGroupCount = 4797

wMagentaFireGroupCount = 4797

wYellowFireGroupCount = 4797

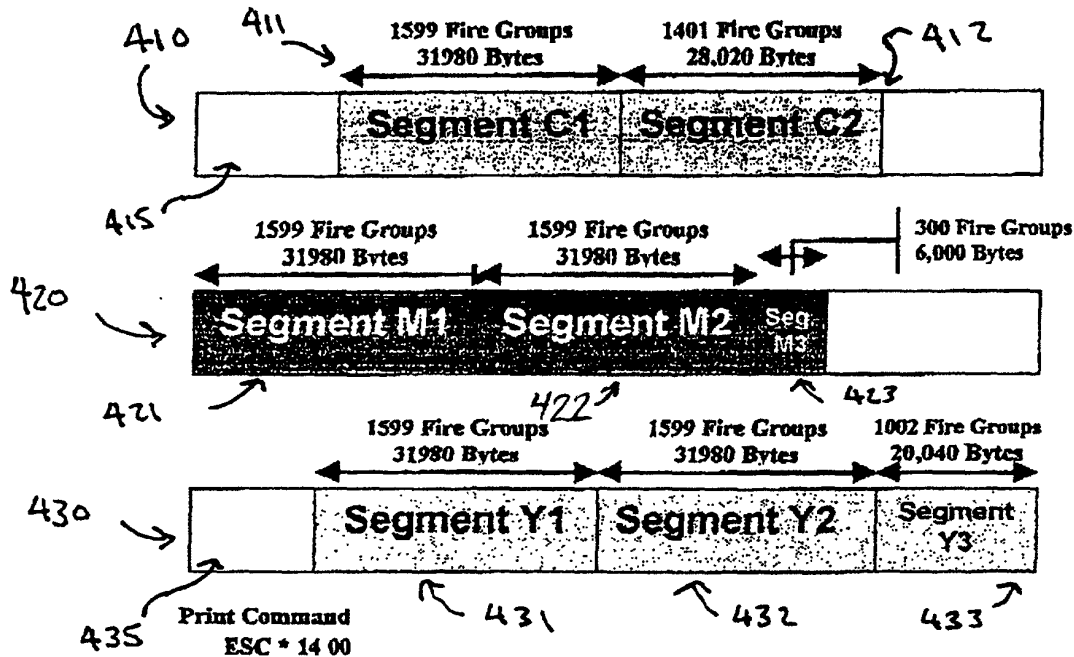
...

bSegmentCount = 9

bSegmentMap = 1, 2, 3, 1, 2, 3, 1, 2, 3, FF, FF, FF, FF, FF, FF

FIG 4

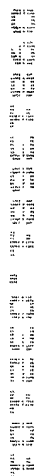
The following segments are sent in order: M1, Y1, C1, M2, Y2, C2, M3, Y3.



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...
wStartingPosition = 0
...
wCyanFireGroupOffset = 1097
wMagentaFireGroupOffset = 42
wYellowFireGroupOffset = 600
...
wCyanFireGroupCount = 3000
wMagentaFireGroupCount = 3498
wYellowFireGroupCount = 4200
...
bSegmentCount = 8
bSegmentMap = 2, 3, 1, 2, 3, 1, 2, 3, FF, FF, FF, FF, FF, FF, FF
    
```

[illegible]

The following segments above are sent in order: C1, C2, C3, M1, Y1.

Print Command

ESC * 14 00

```
...
wStartingPosition = 0
```

```
...
wCyanFireGroupOffset = 97
```

wMagentaFireGroupOffset = 3542

wYellowFireGroupOffset = 4000

• • •

```
wCyanFireGroupCount = 3999
```

wMagentaFireGroupCount = 1302

wYellowFireGroupCount = 801

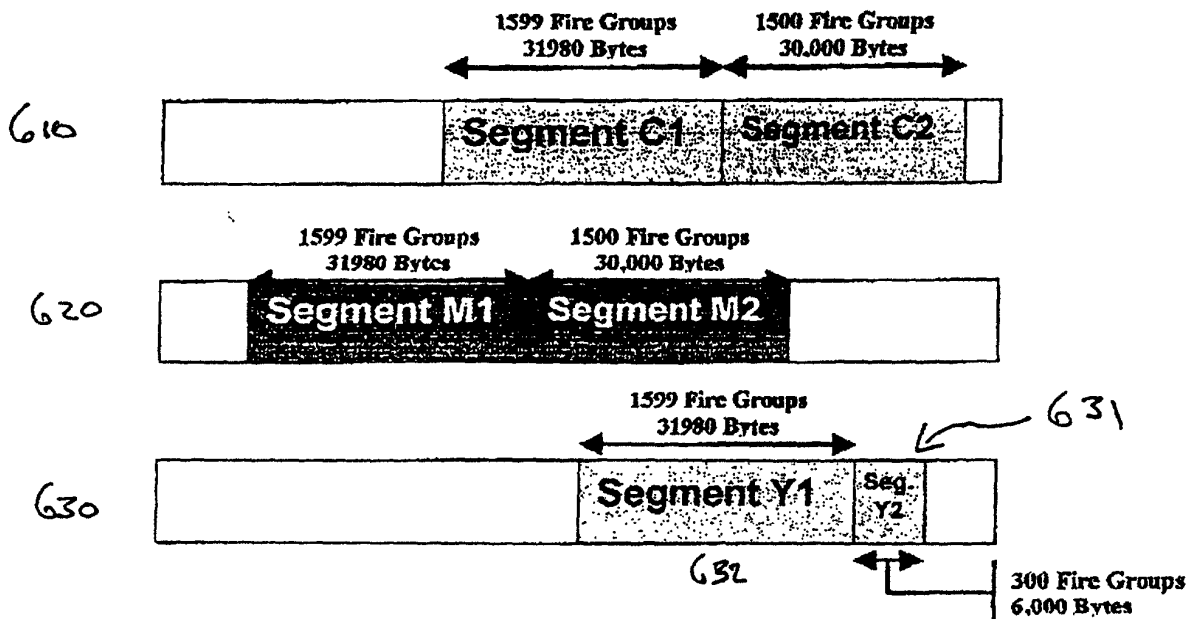
...

bSegmentCount = 5

```
bSegmentMap = 1, 1, 1, 2, 3, FF, FF, FF, FF, FF, FF, FF, FF, FF, FF
```

FIG 6

The following segments are sent in order: M1, C1, M2, C2, Y1, Y2.



Print Command

ESC * 14 00

...
wStartingPosition = 5600 (4800ths) (=700 Firegroups)

...
wCyanFireGroupOffset = 997

wMagentaFireGroupOffset = 42

wYellowFireGroupOffset = 2200

...
wCyanFireGroupCount = 3099

wMagentaFireGroupCount = 3099

wYellowFireGroupCount = 1899

...
bSegmentCount = 6

bSegmentMap = 2, 1, 2, 1, 3, 3, FF, FF, FF, FF, FF, FF, FF, FF, FF

Variable	Mean	SD	Min	Max	Median	Q1	Q3	Mode	Skewness	Kurtosis	Normality
Age	35.2	12.5	18	65	32	28	38	35	0.15	3.2	0.95
Gender	0.55	0.50	0	1	0	0	1	0	-0.05	1.5	0.98
Marital Status	0.65	0.48	0	1	0	0	1	0	-0.08	1.6	0.97
Education	12.5	2.5	9	16	12	11	13	12	0.10	3.0	0.96
Income	15000	8000	5000	35000	12000	8000	20000	15000	0.20	3.5	0.94
Health	0.85	0.35	0	1	0	0	1	0	-0.10	1.7	0.97
Stress	0.75	0.40	0	1	0	0	1	0	-0.12	1.8	0.96
Depression	0.60	0.45	0	1	0	0	1	0	-0.15	1.9	0.95
Life Satisfaction	0.70	0.30	0	1	0	0	1	0	-0.18	2.0	0.94
Resilience	0.80	0.25	0	1	0	0	1	0	-0.20	2.1	0.93
Optimism	0.70	0.30	0	1	0	0	1	0	-0.22	2.2	0.92
Self-Esteem	0.65	0.35	0	1	0	0	1	0	-0.25	2.3	0.91
Loneliness	0.50	0.50	0	1	0	0	1	0	-0.28	2.4	0.90
Isolation	0.40	0.55	0	1	0	0	1	0	-0.30	2.5	0.89
Support	0.70	0.30	0	1	0	0	1	0	-0.32	2.6	0.88
Helpfulness	0.60	0.40	0	1	0	0	1	0	-0.35	2.7	0.87
Empathy	0.55	0.45	0	1	0	0	1	0	-0.38	2.8	0.86
Compassion	0.50	0.50	0	1	0	0	1	0	-0.40	2.9	0.85
Kindness	0.45	0.55	0	1	0	0	1	0	-0.42	3.0	0.84
Generosity	0.40	0.60	0	1	0	0	1	0	-0.45	3.1	0.83
Patience	0.35	0.65	0	1	0	0	1	0	-0.48	3.2	0.82
Forgiveness	0.30	0.70	0	1	0	0	1	0	-0.50	3.3	0.81
Humility	0.25	0.75	0	1	0	0	1	0	-0.52	3.4	0.80
Gratitude	0.20	0.80	0	1	0	0	1	0	-0.55	3.5	0.79
Hope	0.15	0.85	0	1	0	0	1	0	-0.58	3.6	0.78
Love	0.10	0.90	0	1	0	0	1	0	-0.60	3.7	0.77
Trust	0.05	0.95	0	1	0	0	1	0	-0.62	3.8	0.76
Respect	0.02	0.98	0	1	0	0	1	0	-0.65	3.9	0.75
Kindness	0.01	0.99	0	1	0	0	1	0	-0.68	4.0	0.74
Generosity	0.00	1.00	0	1	0	0	1	0	-0.70	4.1	0.73



720

730

713

714

```

bSegmentCount = 8
bSegmentMap = 2, 3, 1, 2, 3, 1, 2, 3, FF, FF, FF, FF, FF, FF, FF

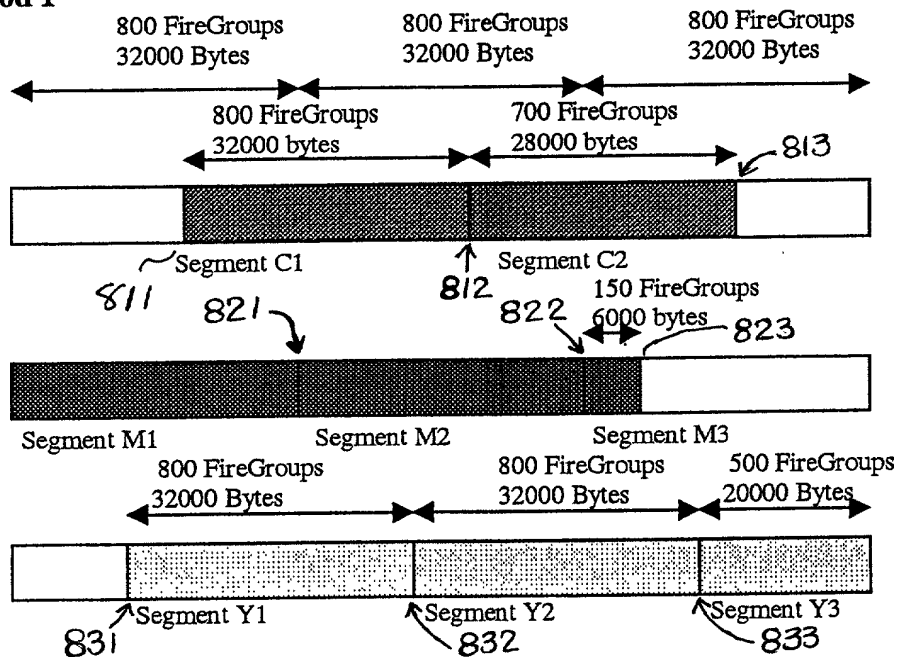
```

FIG. 8

DMA Alignment

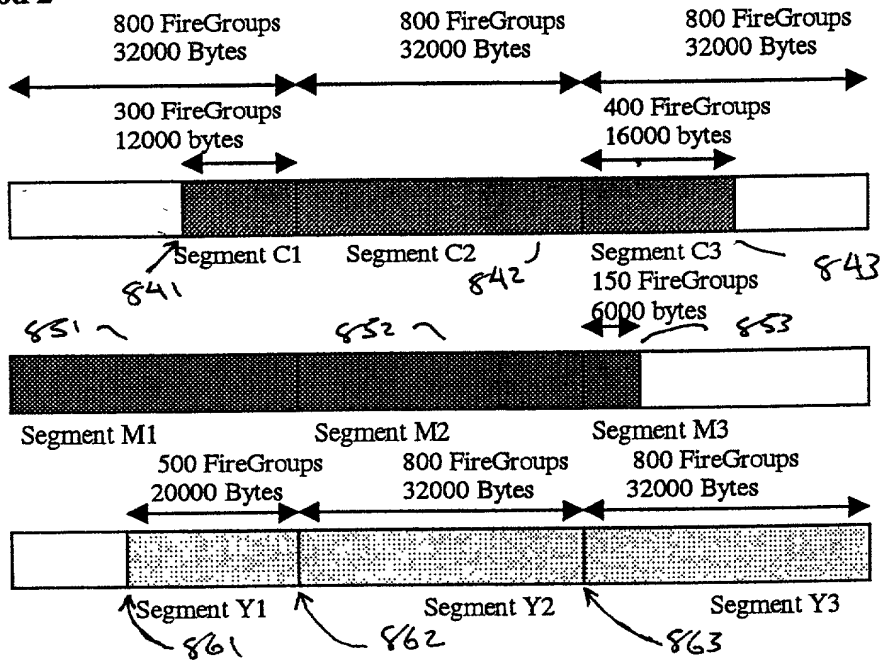
The following shows two ways the data streams may be divided into segments.

Method 1



Segments sent in the following order: M1, Y1, C1, M2, Y2, C2, M3, Y3

Method 2

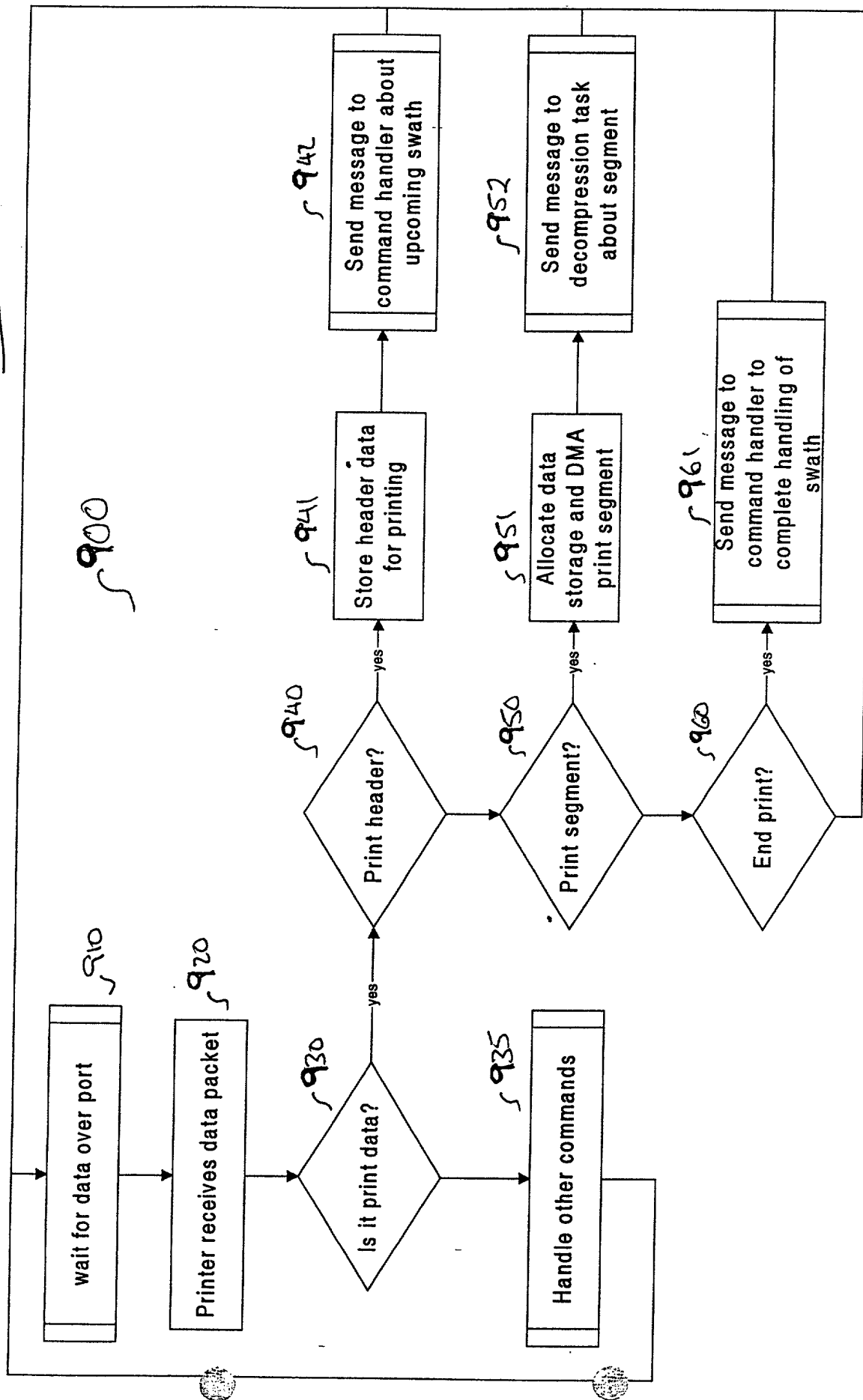


Segments sent in the following order: M1, Y1, C1, M2, Y2, C2, M3, C3, Y3

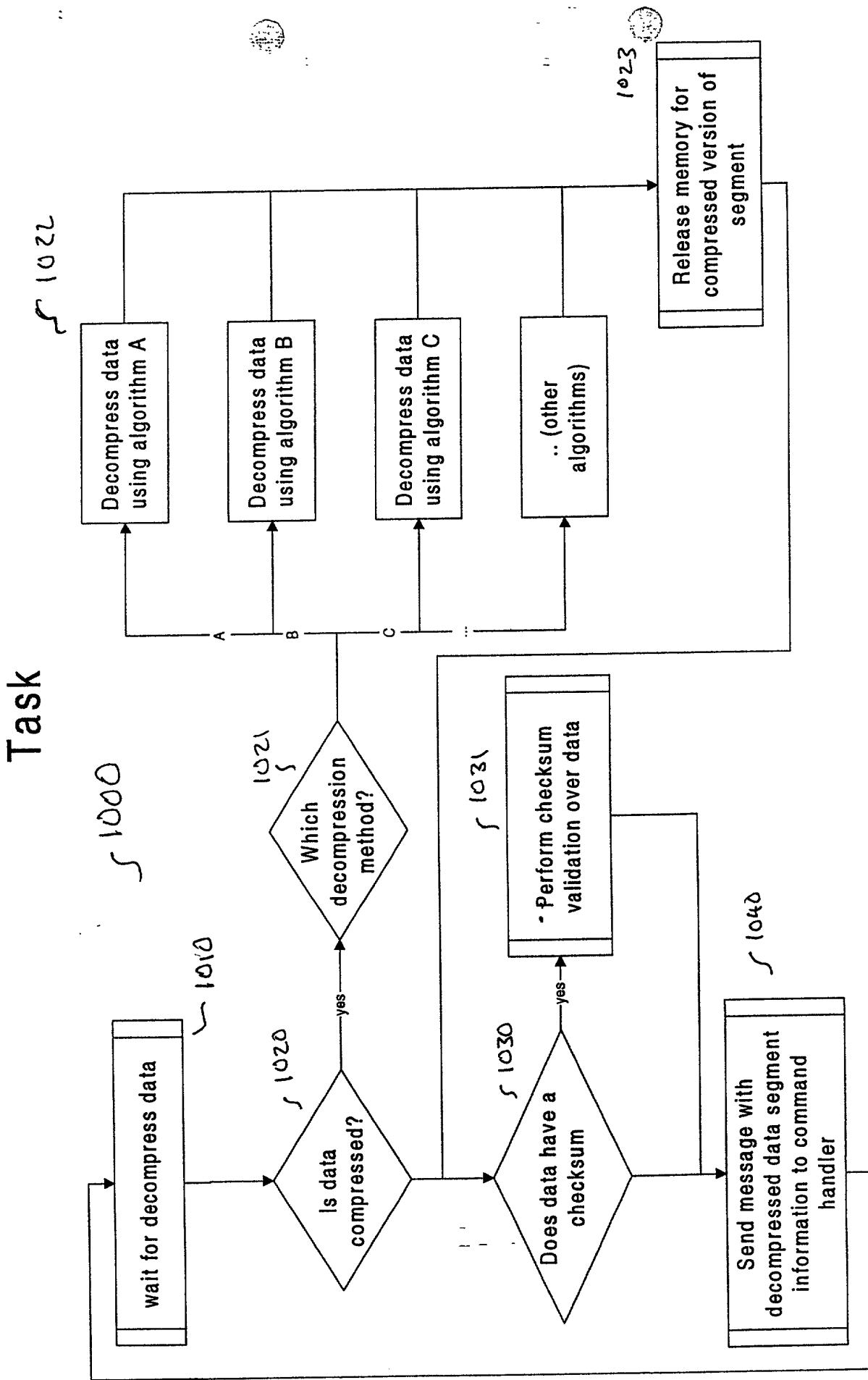
Handling multiple compressed data streams - Transform

Task

FIG. 9



Handling multiple compressed data streams - Decompress Task



Handling multiple compressed data streams - Command Handler

FIG. 1

Task

